



## Focus Occupation: Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111)

### Focus occupation: Health and Safety Engineers, Except Mining Safety Engineers and Inspectors

Employment and Growth	258/ 6.2%
Ave. Monthly Wage	\$9,025
Education/Experience	Bachelor's degree



### Advance FROM Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Architectural and Engineering Managers  (11-9041)	3	474/ 6.3%	BA/5 plus yrs	74
Biomedical Engineers (17-2031)	2	n/a	BA	72
Construction Managers (11-9021)	2	1,120/ 10.9%	AA/5 plus yrs	73
Environmental Engineers  (17-2081)	1	308/ 8.8%	BA	83
Management Analysts (13-1111)	1	318/ 15.6%	BA/1-5 yrs	70

### Transfer TO and FROM Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Industrial Engineers (17-2112)	0	28/ 7.7%	BA	70

### Advance TO Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Environmental Scientists and Specialists, Including Health  (19-2041)	-1	961/ 6.9%	BA	77
Occupational Health and Safety Specialists (29-9011)	-2	232/ 8.4%	BA	99
Emergency Management Specialists (13-1061)	-3	97/ 5.4%	BA/1-5 yrs	70
Construction and Building Inspectors (47-4011)	-4	351/ 9.3%	HS/5 plus yrs	75
Engineering Technicians, Except Drafters, All Other (17-3029)	-4	518/ 7.2%	AA	70
Fire Inspectors and Investigators (33-2021)	-4	27/ 8.0%	HS/5 plus yrs	73
Training and Development Specialists  (13-1073)	-4	369/ 11.1%	BA	70
Industrial Engineering Technicians (17-3026)	-5	58/ 11.5%	AA	78

Occupational Health and Safety Technicians (29-9012)	-6	114/ 9.6%	HS	100
Hazardous Materials Removal Workers (47-4041)	-7	300/ 14.5%	HS	70

**Important note:** A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O\*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.